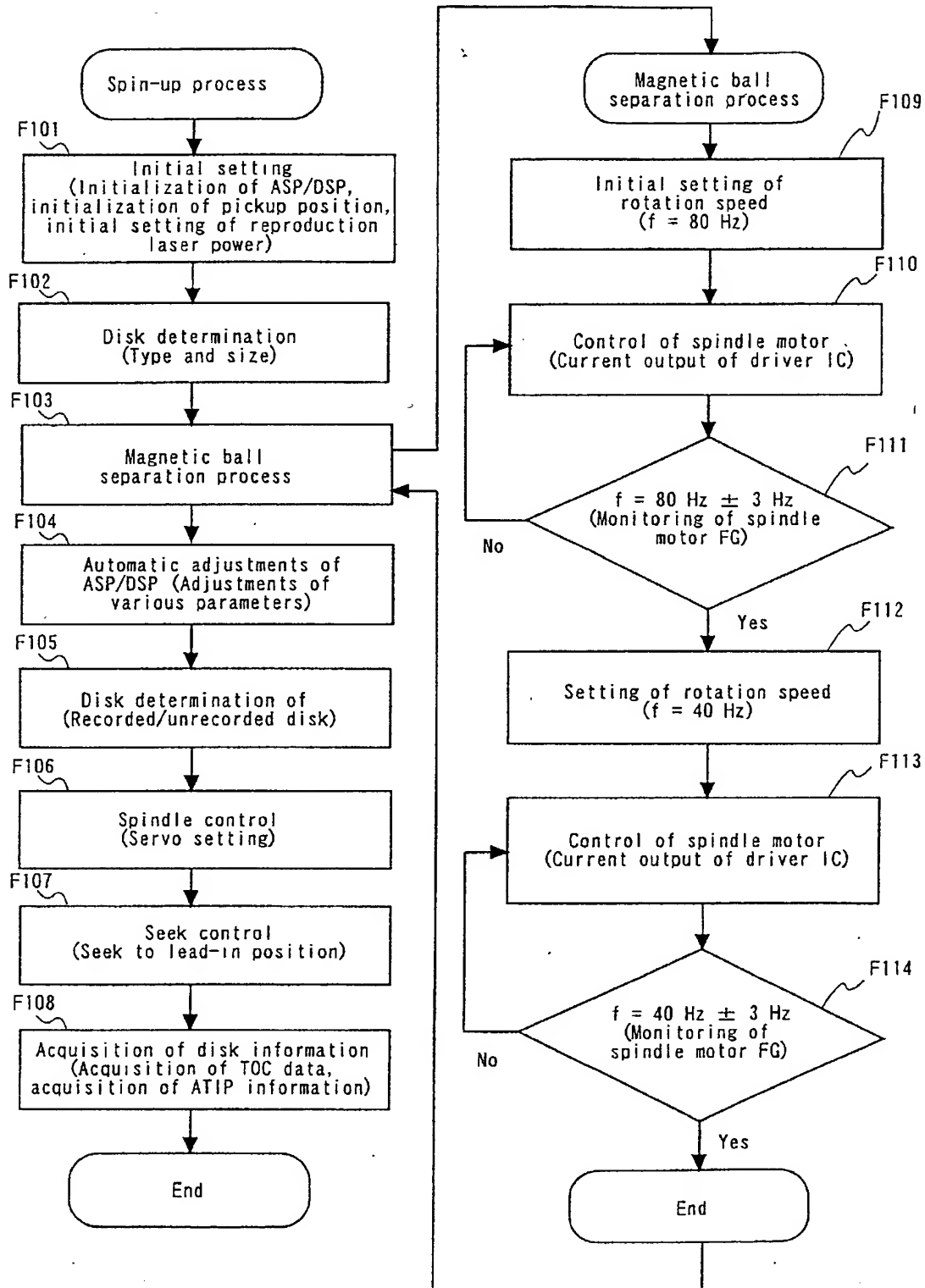


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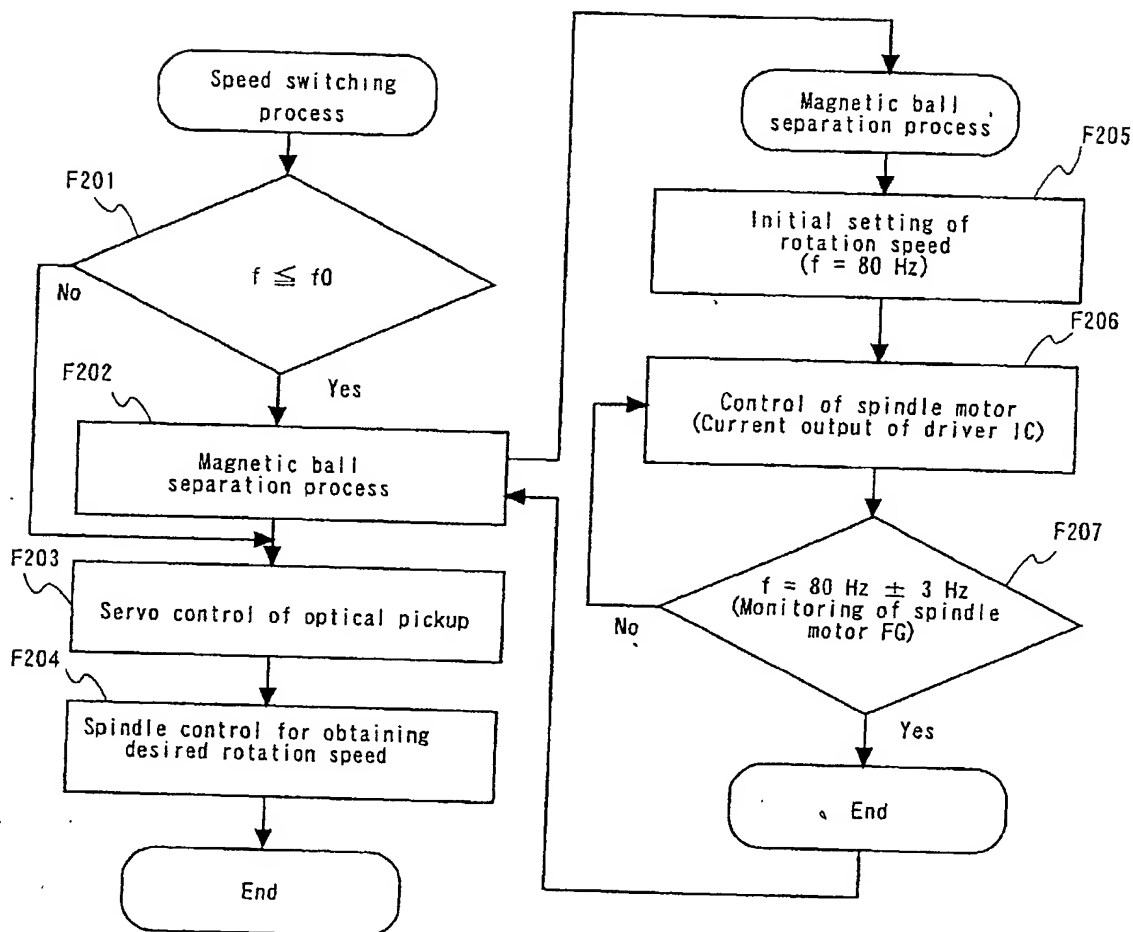
FIG. 1



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FIG. 2



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FIG. 3

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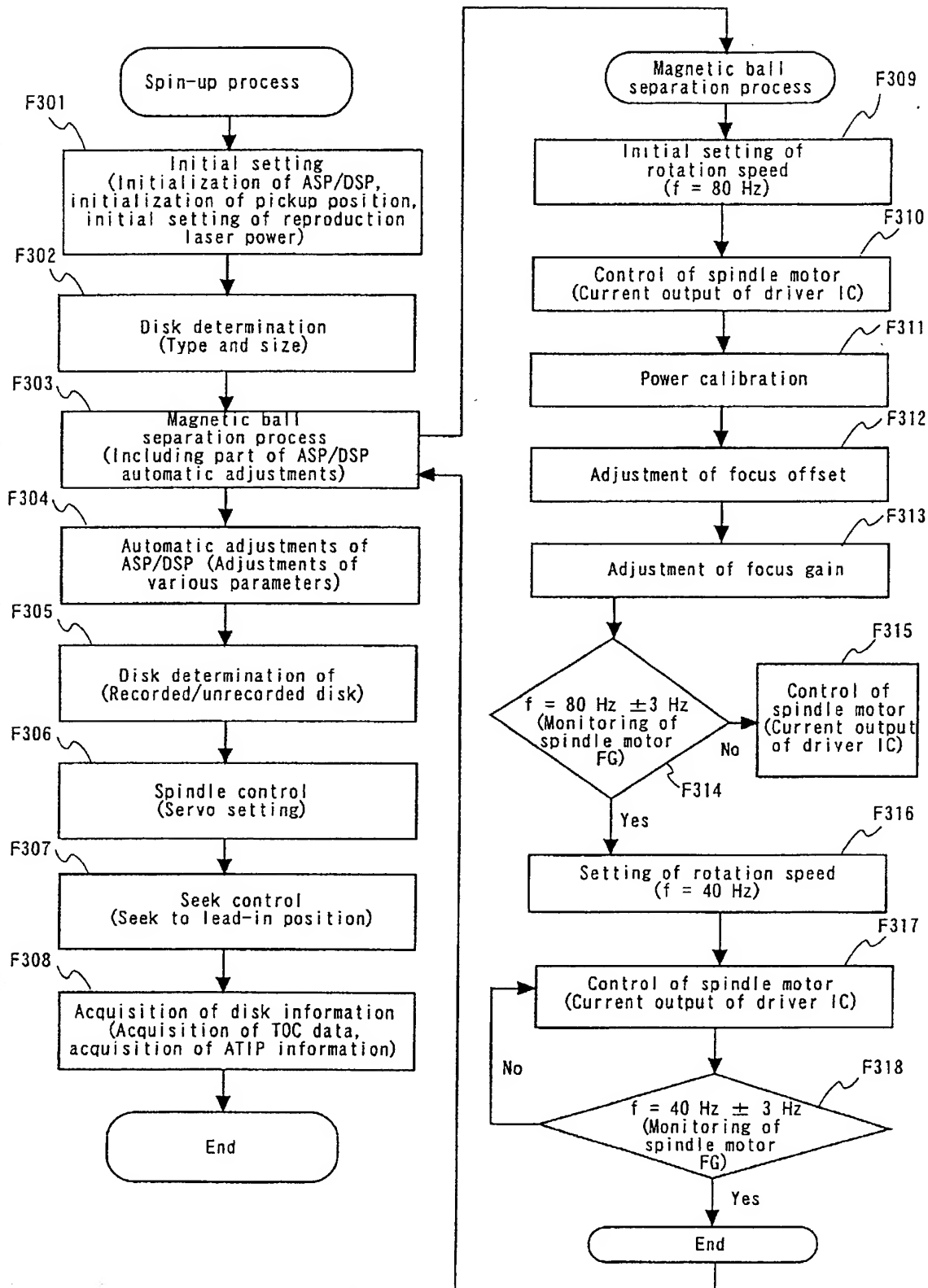
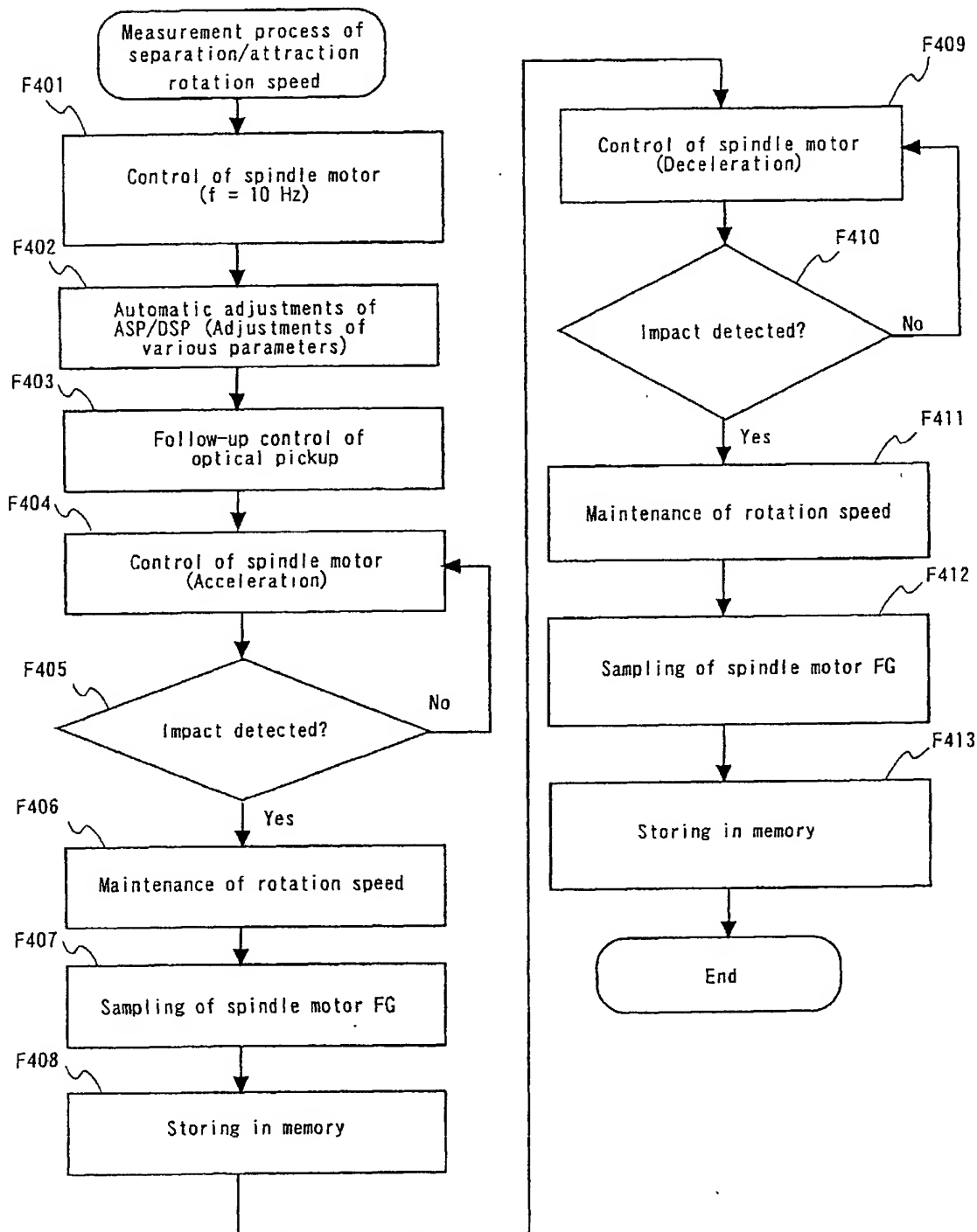
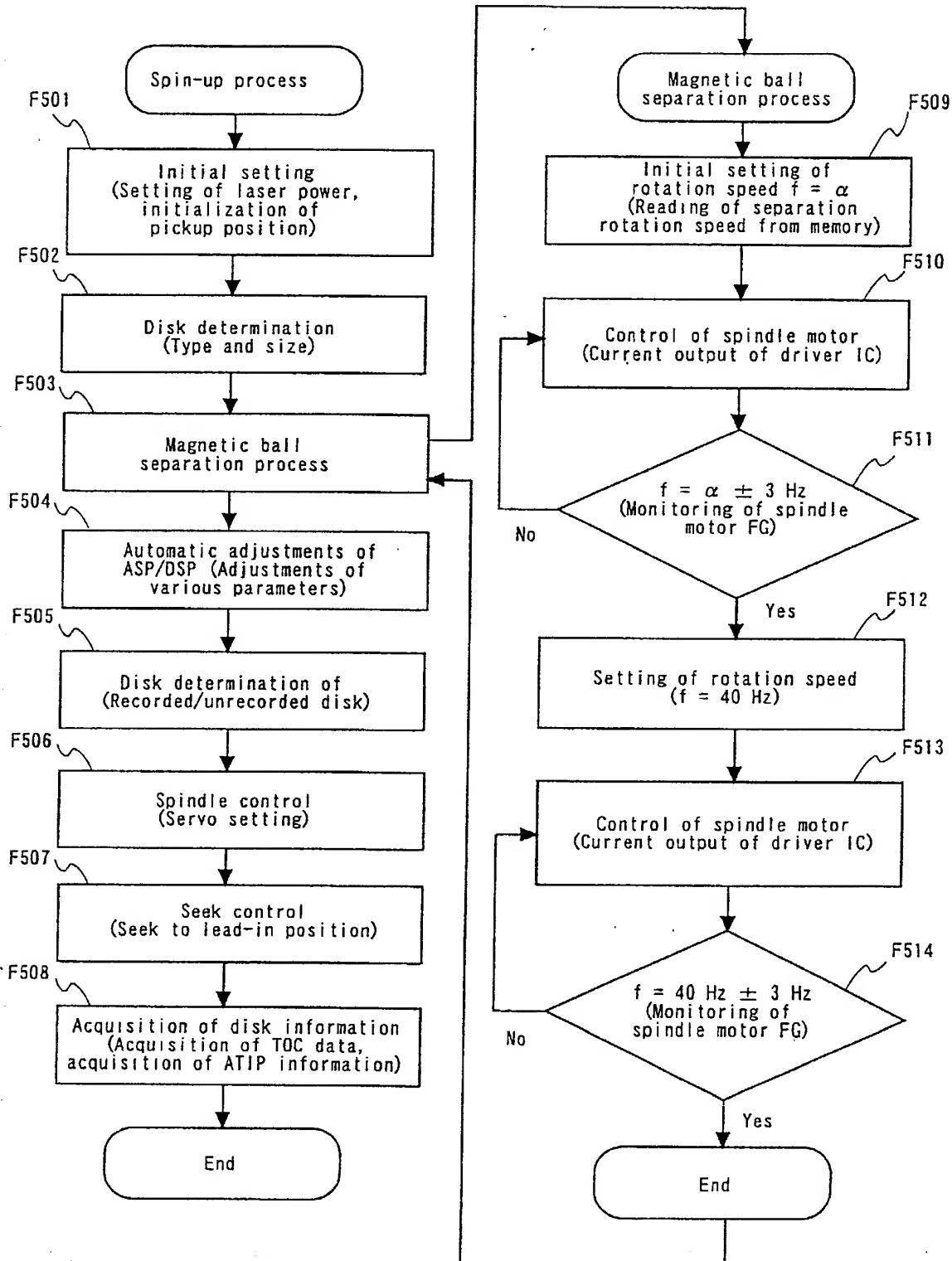


FIG. 4



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FIG. 5



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FIG. 6

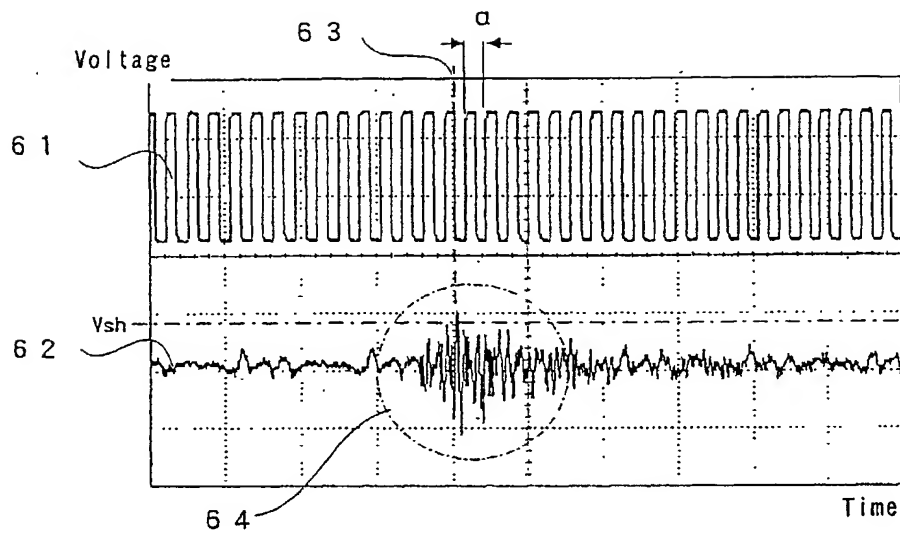
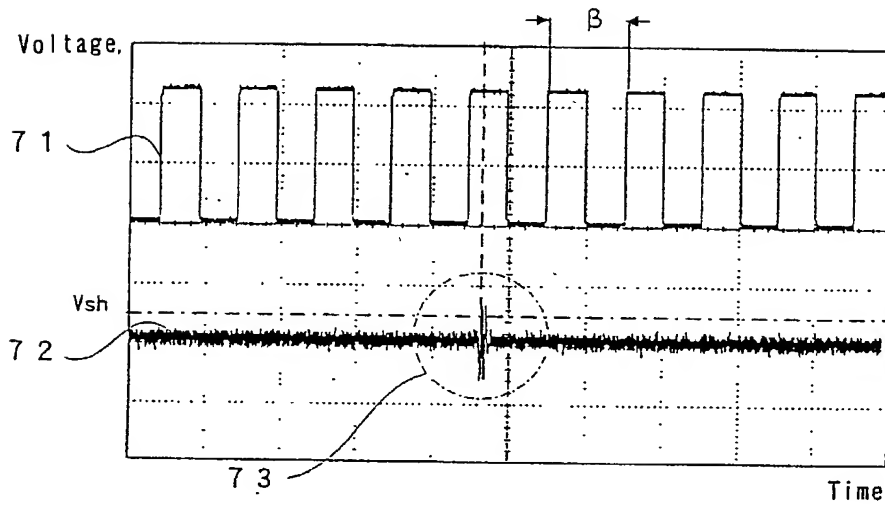


FIG. 7

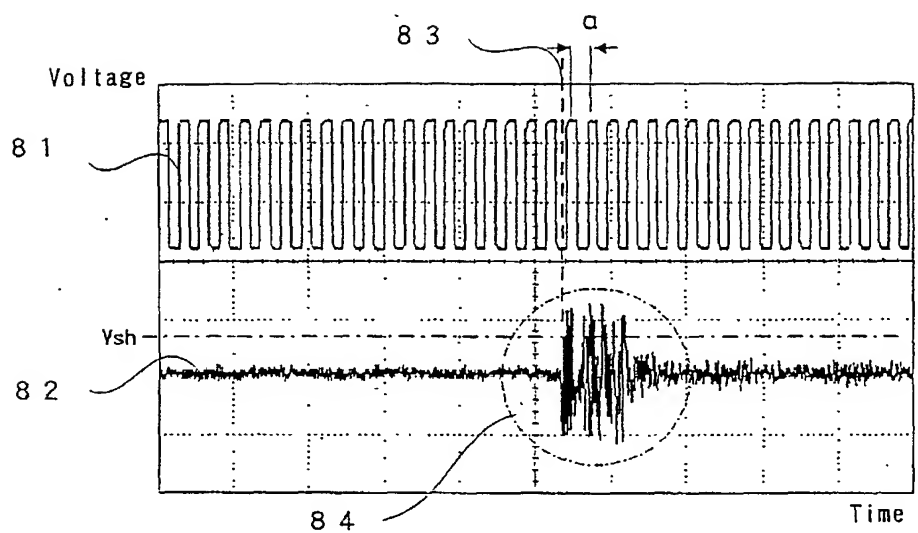
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FIG. 8

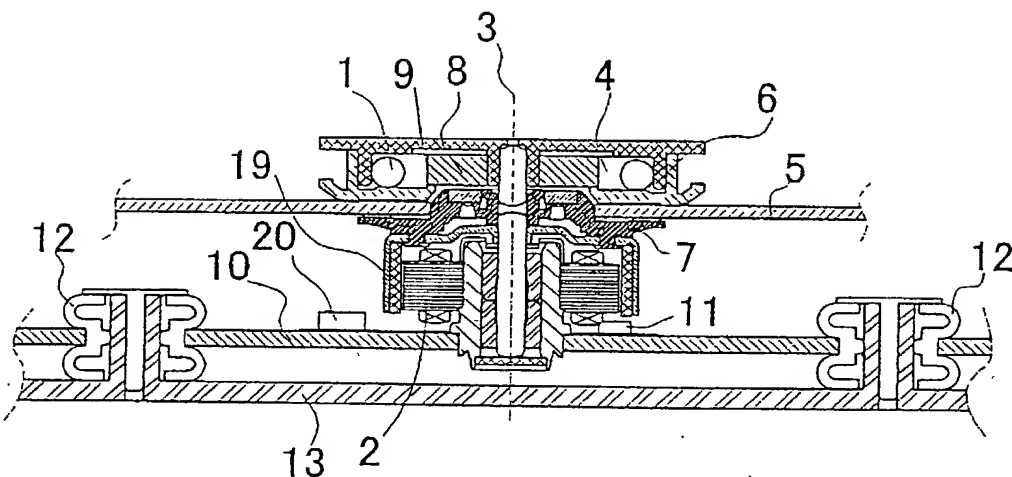
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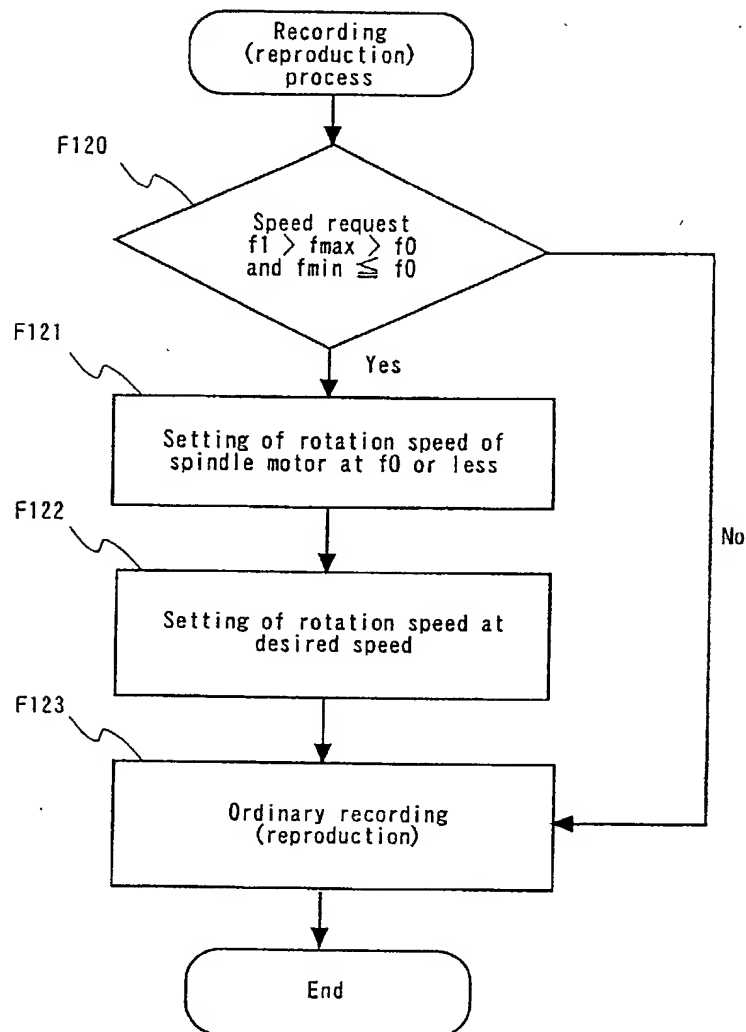
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FIG. 9



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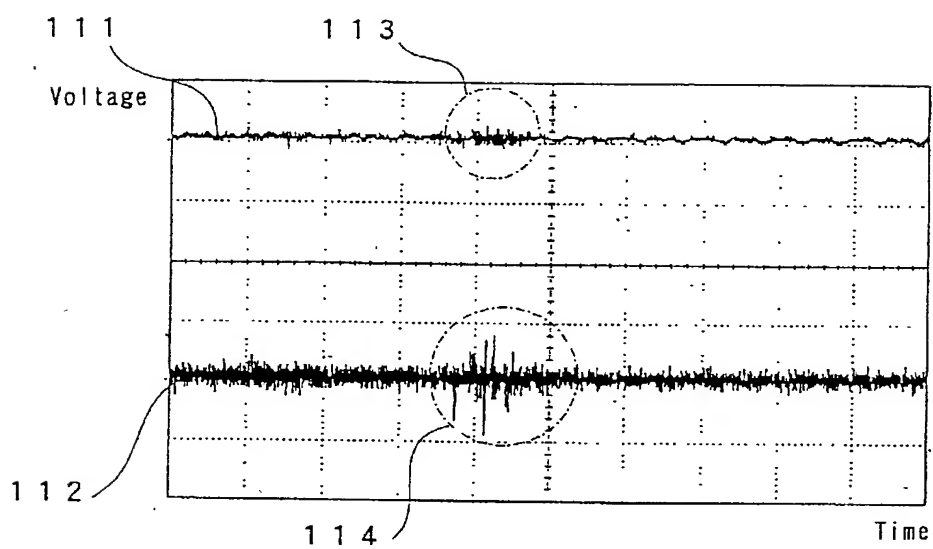
FIG. 10



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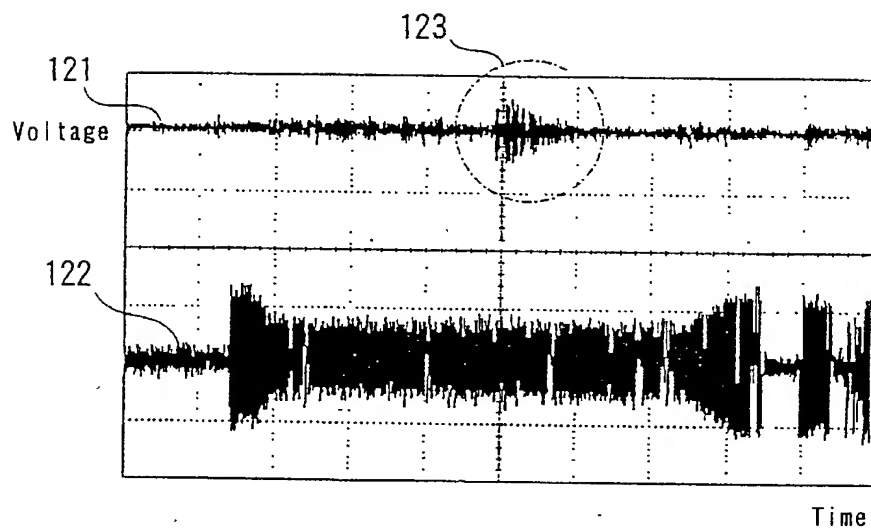
FIG. 11



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FIG. 12

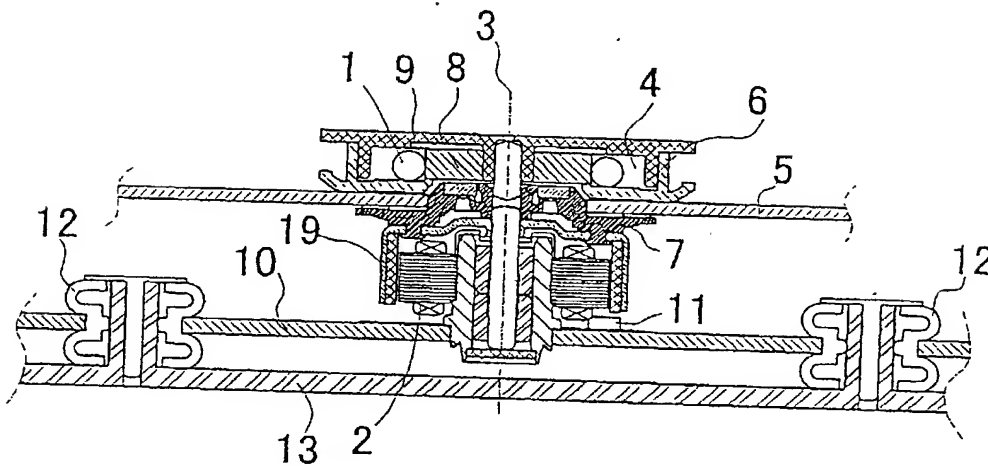


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FIG. 13



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FIG. 14

Multiple speed for recording/reproduction	Recording/reproduction position (mm)	Rotation speed of disk (rpm)	Ratio of innermost rotation speed and outer most rotation speed
1	ϕ 44.7	598.47 (9.97Hz)	3.08
	ϕ 118	194.32 (3.24Hz)	
2	ϕ 44.7	1196.94 (19.95Hz)	3.08
	ϕ 118	388.64 (6.48Hz)	
4	ϕ 44.7	2393.88 (39.9Hz)	3.08
	ϕ 118	777.29 (12.95Hz)	
8	ϕ 44.7	4787.76 (79.8Hz)	3.08
	ϕ 118	1554.57 (25.91Hz)	

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FIG. 15A

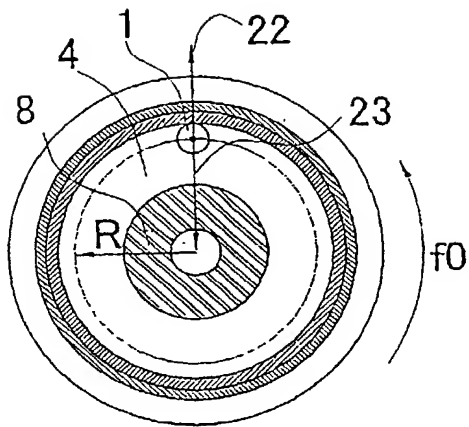
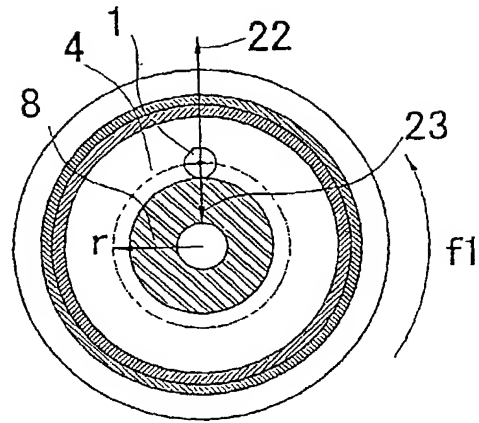
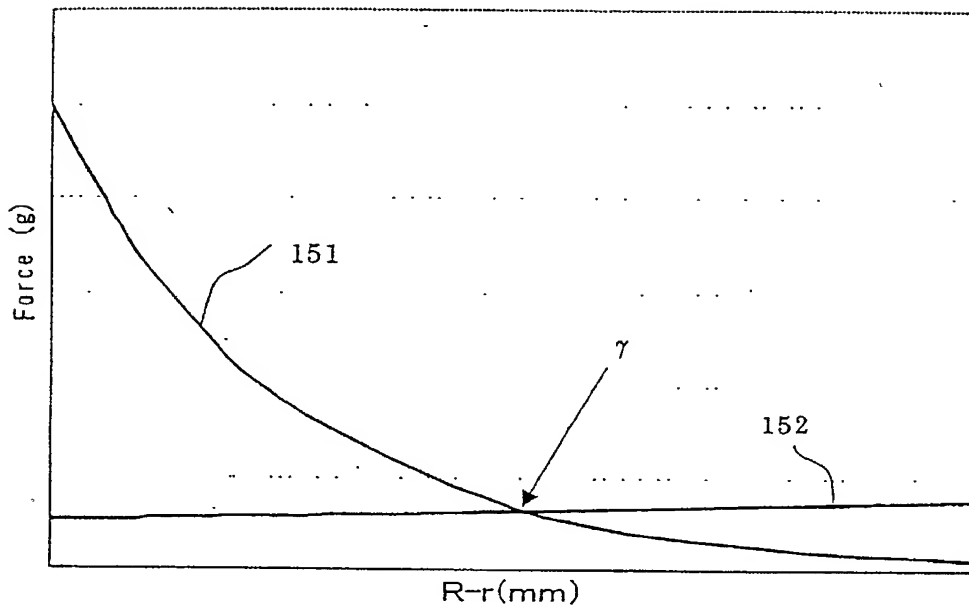


FIG. 15B



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FIG. 16



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FIG. 17

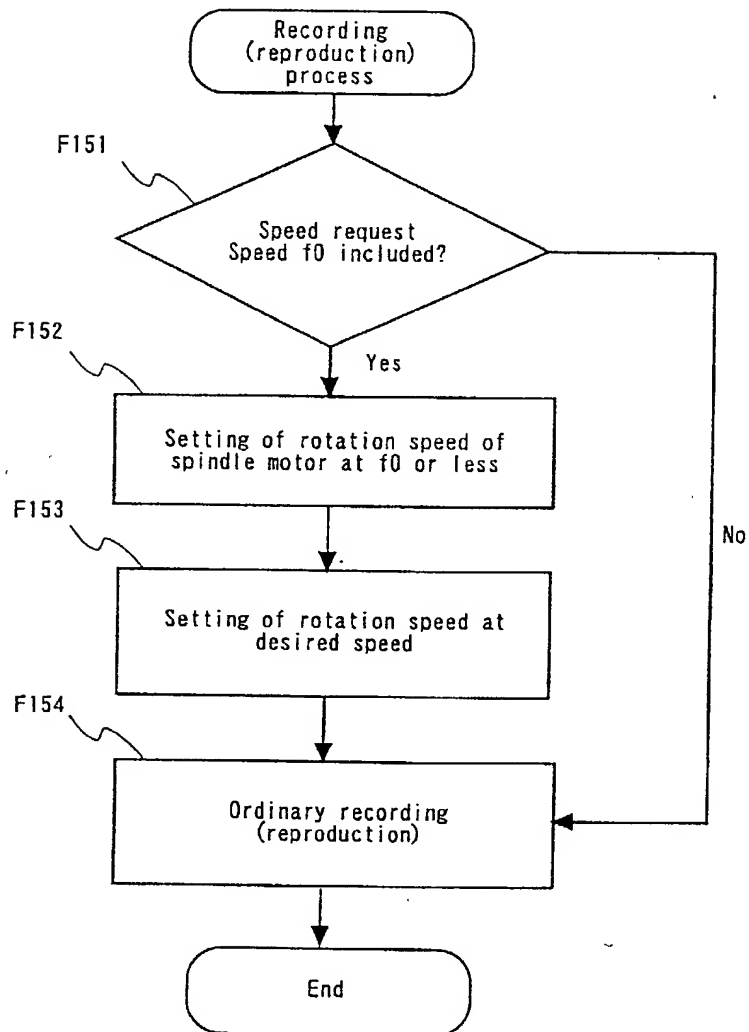


FIG. 18

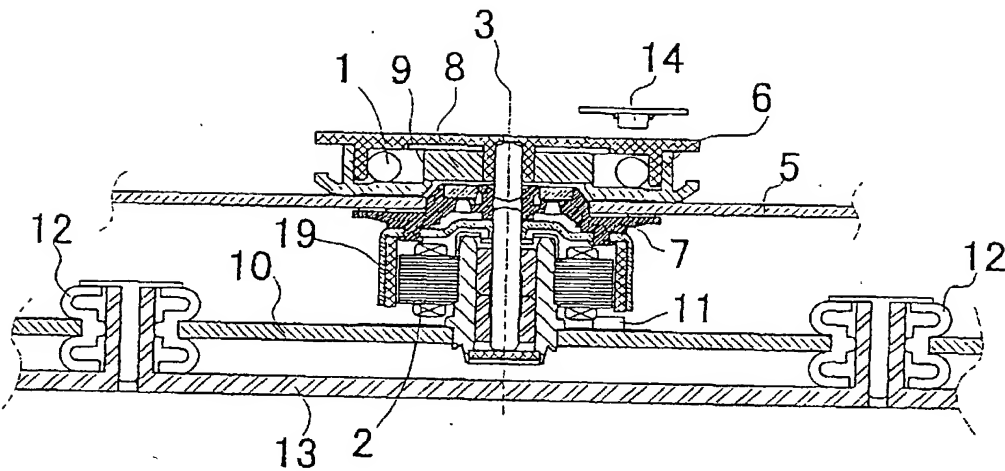


FIG. 19A

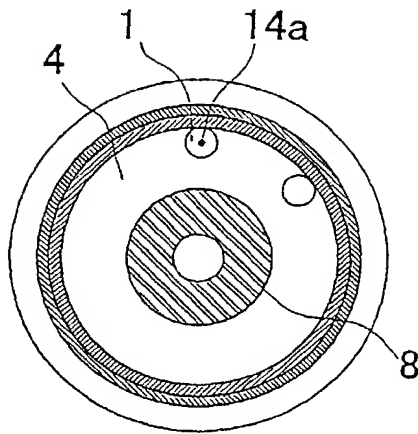
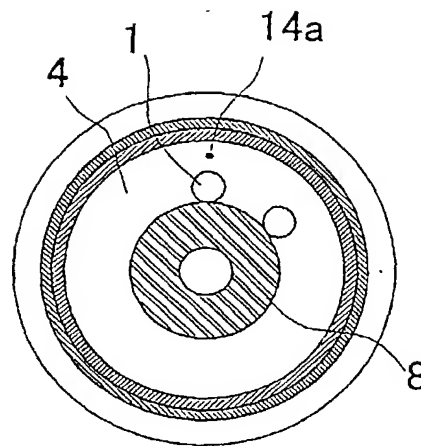
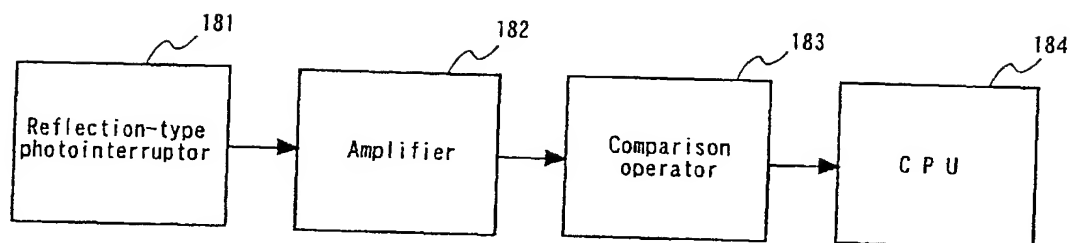


FIG. 19B



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FIG. 20



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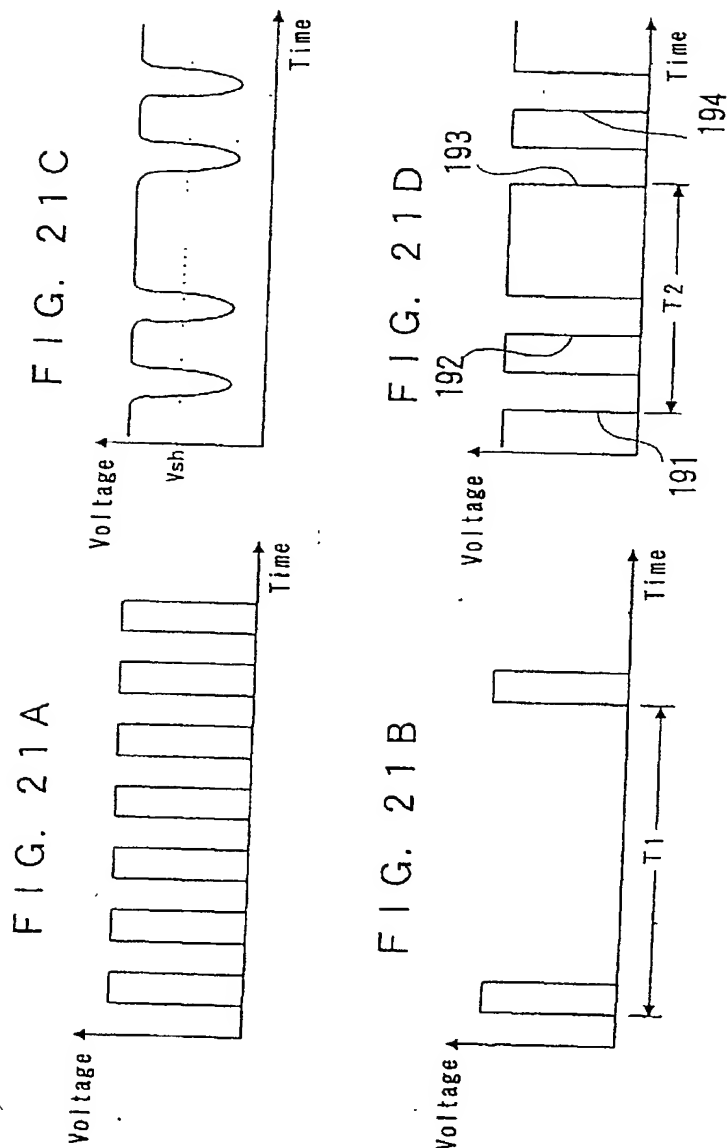


FIG. 22B

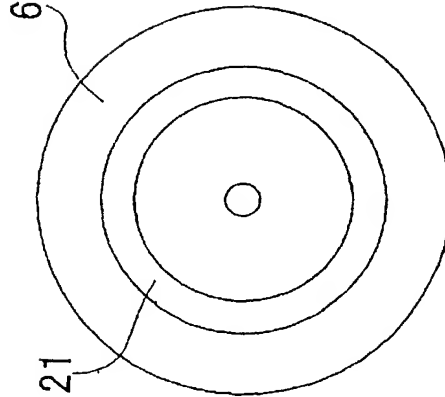
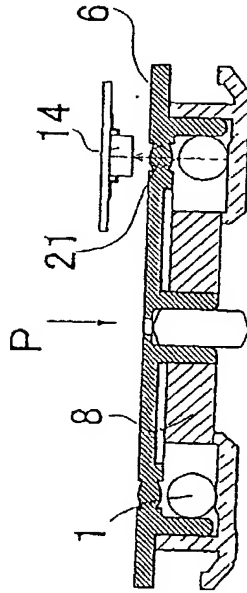


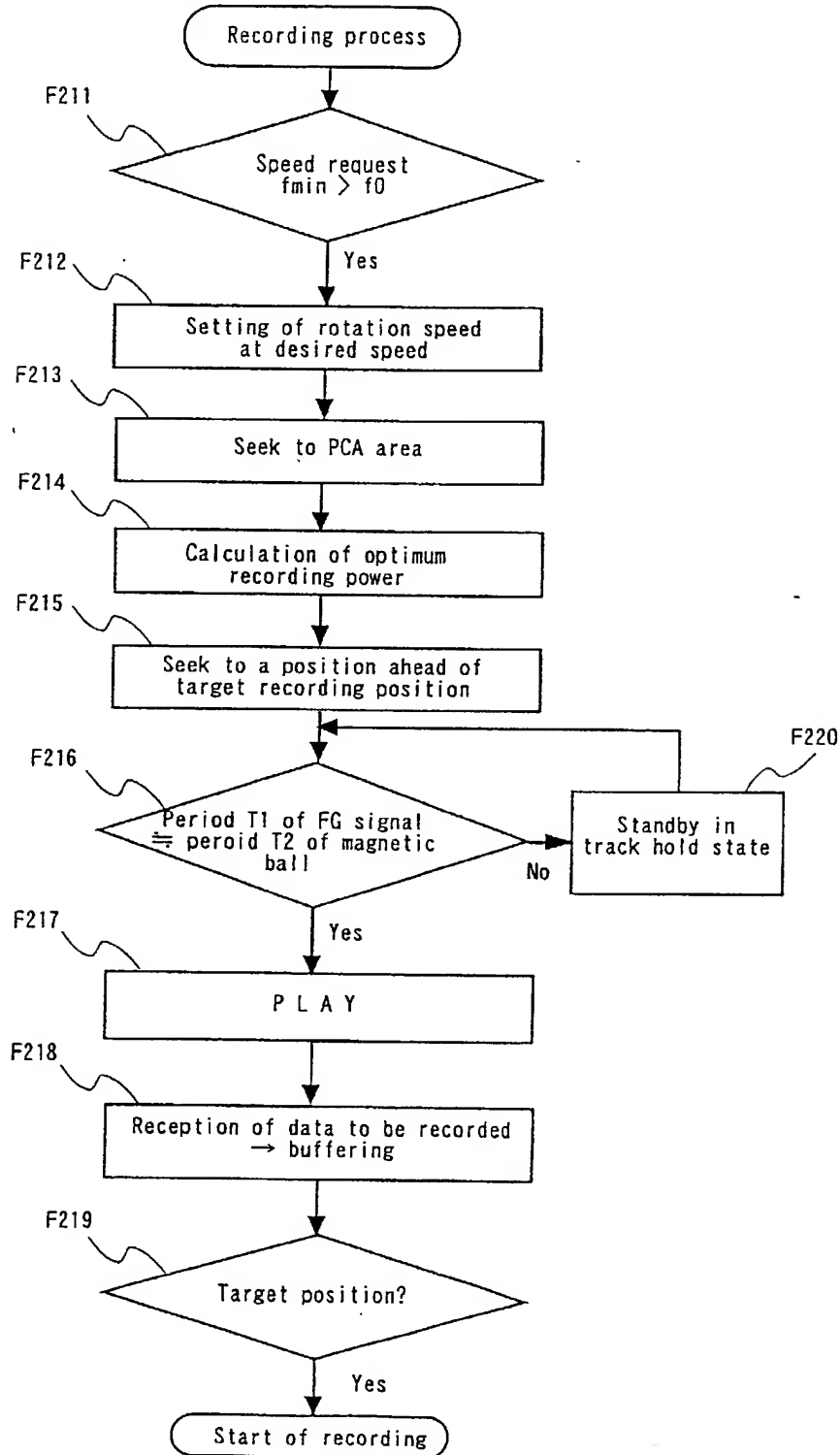
FIG. 22A



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FIG. 23



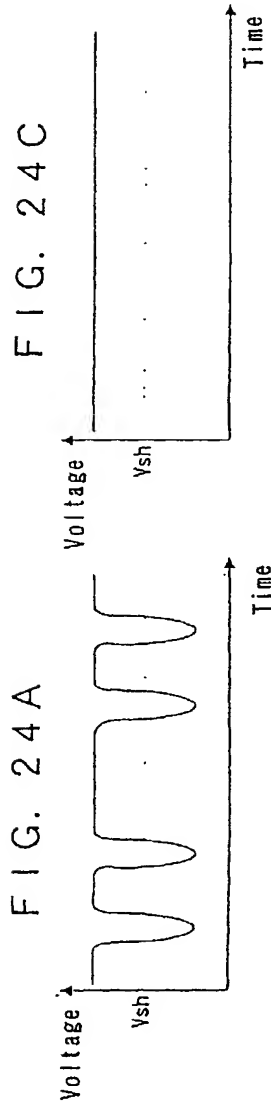


FIG. 24C

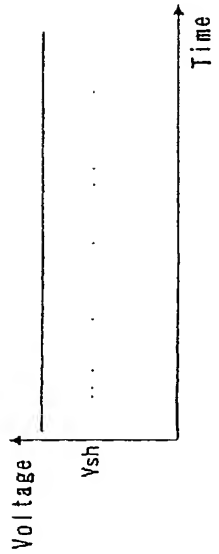
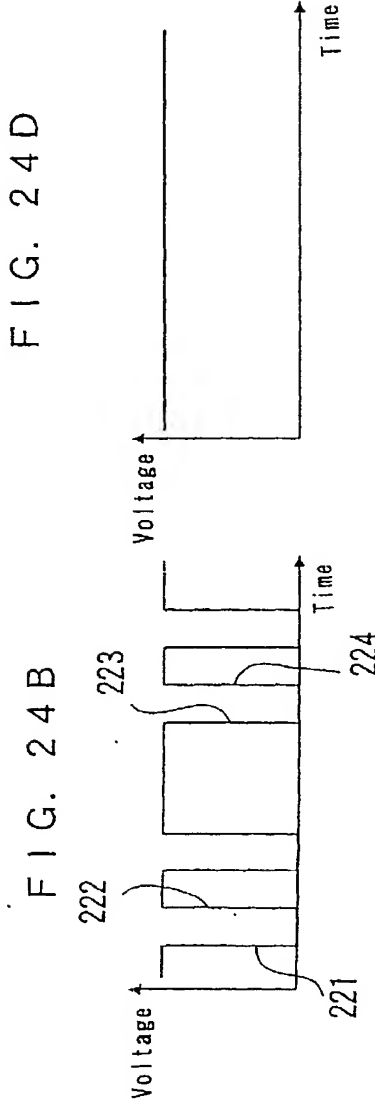


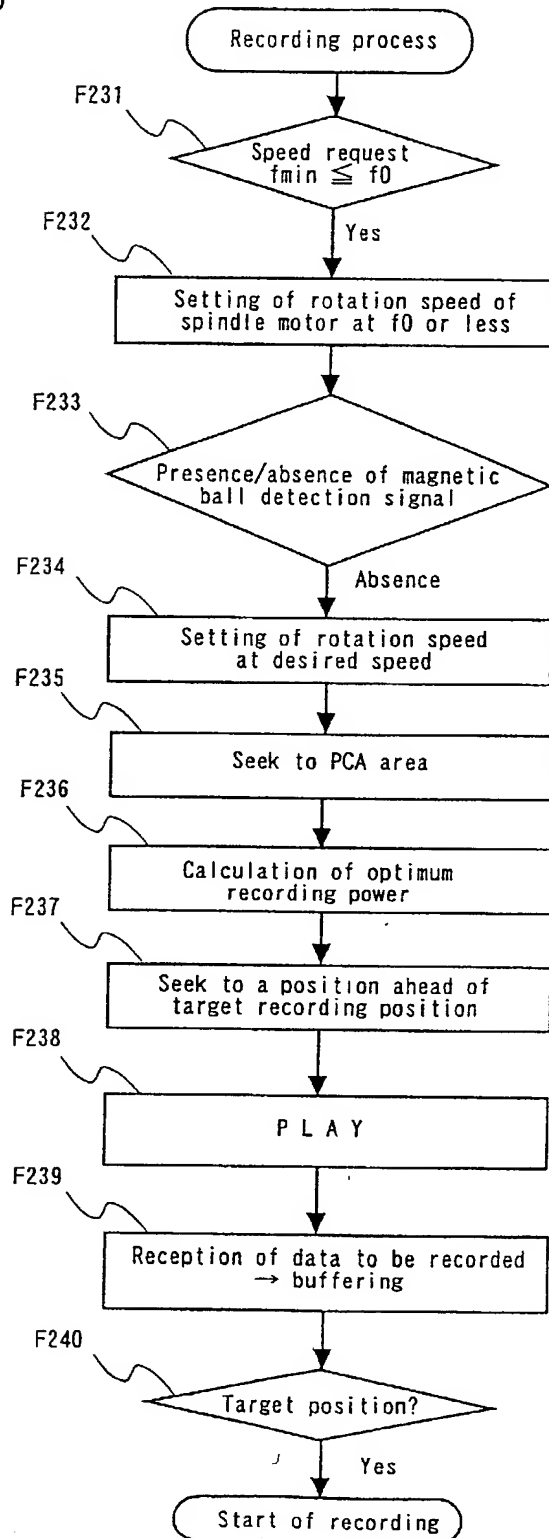
FIG. 24D



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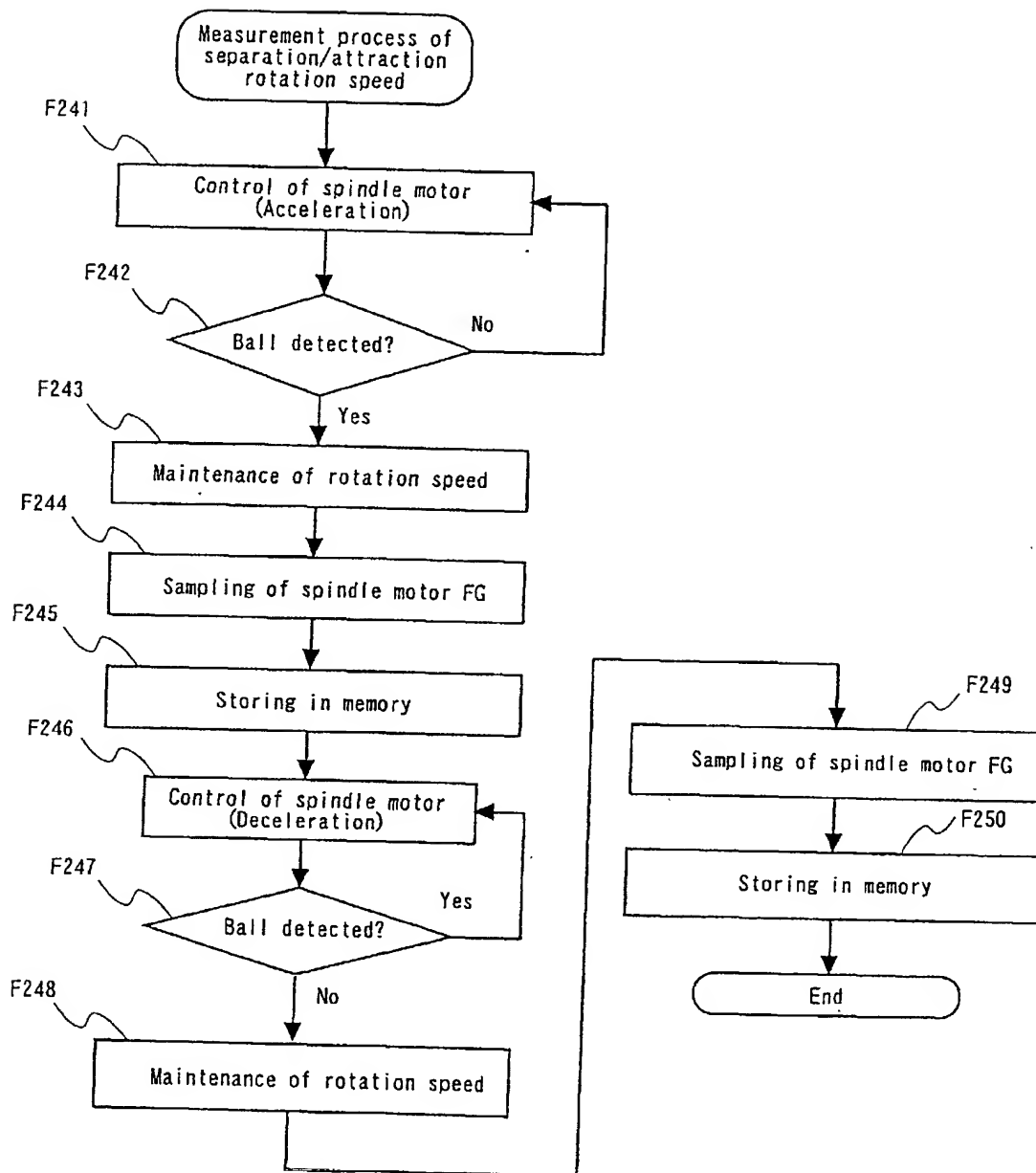
FIG. 25



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FIG. 26



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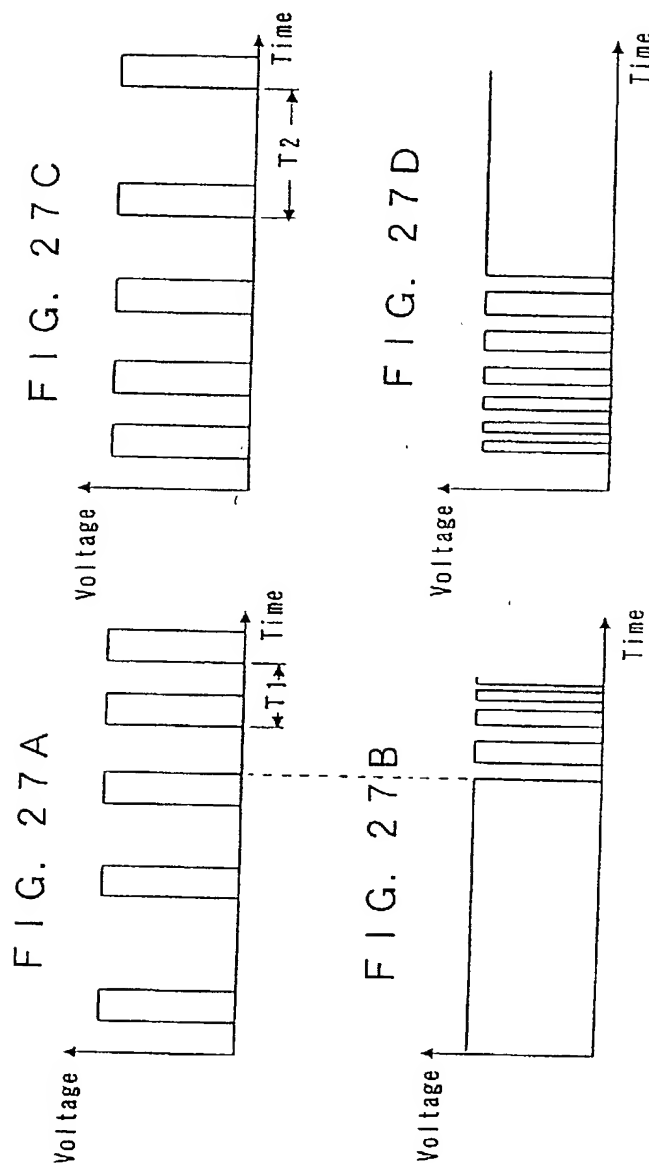


FIG. 28

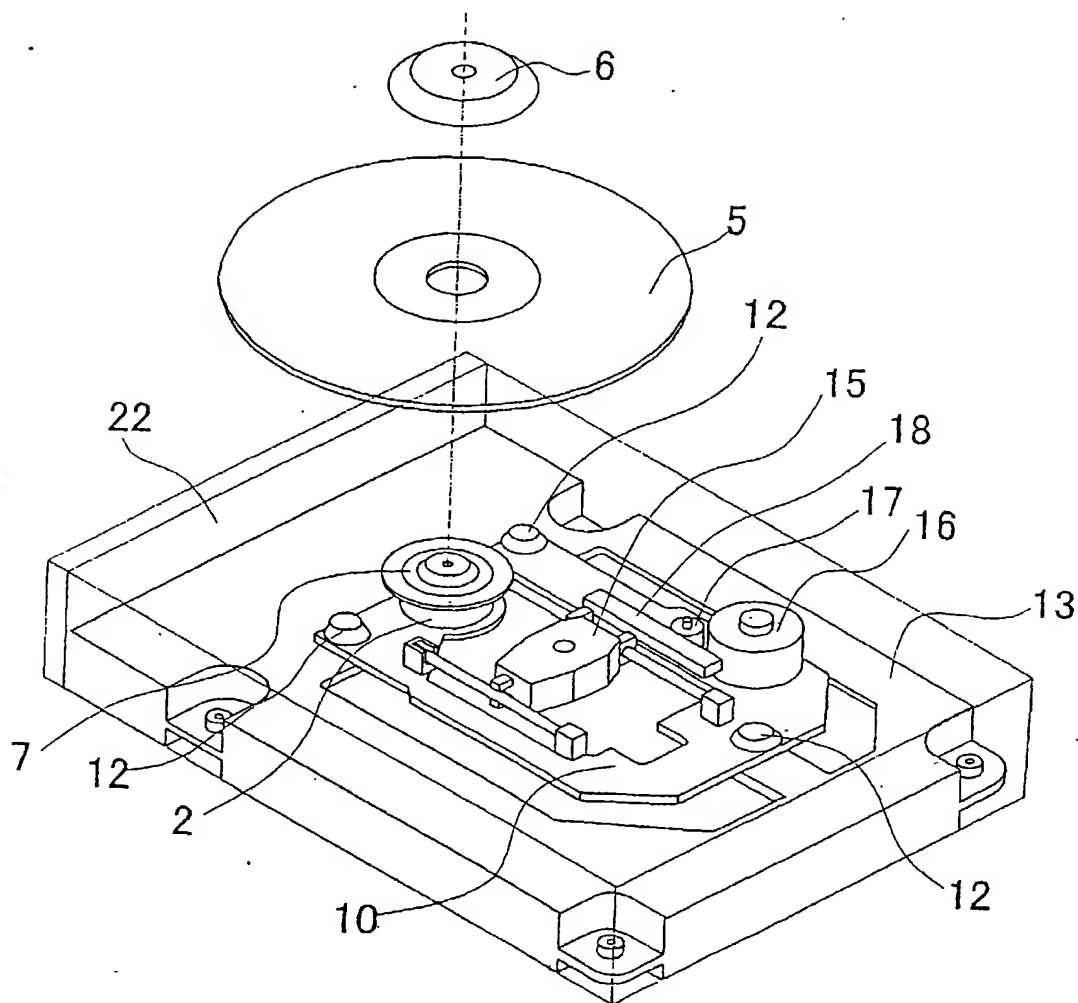
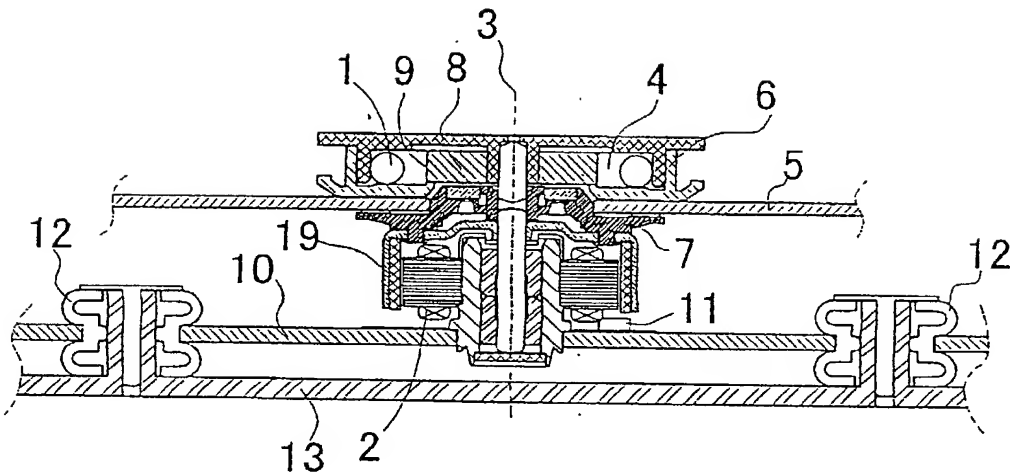
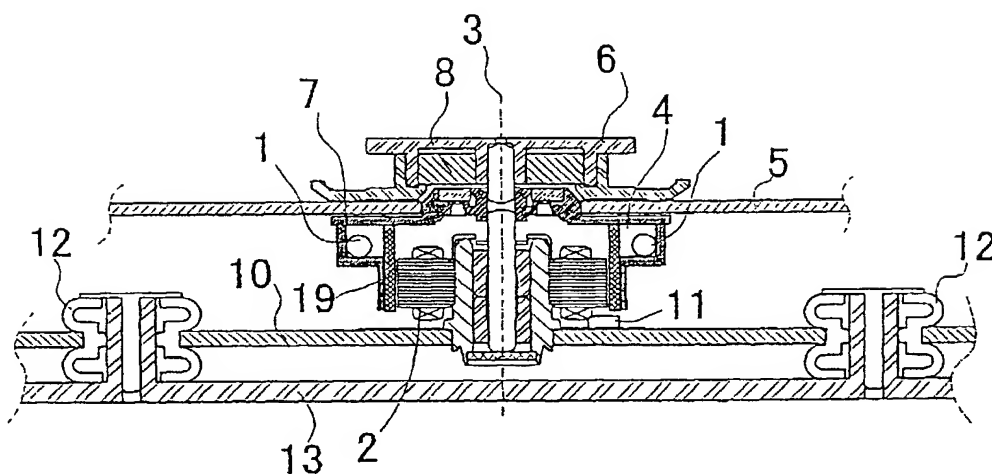


FIG. 29





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FIG. 31

